

ABSTRACT

A sidewalk tile 1 with snow-removal function is stably obtained that is capable of heating to a desired temperature while at the same time sufficiently maintaining strength.

A heat-generating concrete body 2 is obtained by mixing particle-form or powder-form carbon material with un-hardened concrete at a specified ratio, and then pressing it with a high-pressure press at a pressure of approximately 980 kN to remove moisture and form it into a tile shape. A pair of electrodes 5 are embedded in the end sections on both ends in the width direction of this heat-generating concrete body 2. The outer surfaces of this heat-generating concrete body 2 are covered with an insulation-coating layer 6. One side and the circumference of this heat-generating concrete body 2 are covered with un-hardened concrete 3 and formed into a single tile shape by pressing with a high-pressure press to obtain a sidewalk tile 1 with snow-removal function.